

# BALANCED AND DAMPED SUSPENSION FOR USE IN A DISK DRIVE

## ABSTRACT OF THE INVENTION

5 A suspension for use in a disk drive is disclosed. The  
suspension has a hinge and load beam which are separately  
formed and subsequently joined together. The load beam is  
formed from a material which has improved damping  
characteristics. The load beam additionally has ribs  
constructed in order to balance the mass of the suspension  
about the torsional rotation axis. The location of the  
10 torsional rotation axis can be designed to intersect the  
head gimbal pivot point.